Table 1
Field and Quality Control Sample Summary
Olin Chemical Superfund Site
Wilmington, Massachusetts

Medium/ Matrix	Analytical Parameter	Analytical Method	No. of Sampling Locations	No. of Field Duplicate Pairs	Organic		Inorganic		No. of Trip Blanks	No. of Equip. Blanks	Total No. of Samples to Lab
					No. of MS	No. of MSD	No. of DUP	No. of MS			
RW	VOCs	524.2	5	1	1	1	0	0	1	1	10
RW	SVOCs	525.2	5	1	1	1	0	0	0	1	9
RW	NDMA	1625	5	1	1	1	0	0	0	1	9
RW	Metals: Ca, Cr, Na	200.7/200.8	5	1	0	0	1	1	0	1	9
RW	Anions: NO3, NO2, SO4, Cl	300.0	5	1	0	0	1	1	0	1	9
RW	Ammonia	Lachat	5	1	0	0	1	1	0	1	9

RW = Residential Well

NDMA will go to DAS lab. All other tests will go to EPA Region I OEME Laboratory.

Table 2
Sample Containers, Preservation, and Holding Time
Olin Chemical Superfund Site
Wilmington, Massachusetts

Medium/ Matrix	Analytical Parameter	Analytical Method/ SOP[1]	Minimum Sample Volume	Containers required for each sample (Number, size and type)	Preservation Requirements (chemical, temperature, light protected)	Maximum Holding Time (from time of sample collection)
RW	VOCs	524.2	120 mL	3 x 40 mL Teflon lined septum vials	Cool to 4°C; HCL to pH<2, protect from light; no headspace.	14 Days
RW	SVOCs	525.2	1 liter	2 x liter amber glass	Cool to 4°C; HCL to pH<2, protect from light.	7 Days to extract, 40 days to analyze
RW	NDMA	1625	1 liter	2 x liter amber glass	Cool to 4°C	7 Days to extract, 40 days to analyze
RW	Metals: Ca, Cr, Na	200.7/200.8	200 mL	1 x liter polypropylene	HNO3 to pH<2; Cool to 4˚C.	180 days
RW	Anions: NO3, NO2, SO4, Cl	300.0	100 mL	1 x 500 mL poly propylene	Cool to 4˚C.	48 hrs for NO3 and NO2; 28 days for SO4 and Cl
RW	Ammonia	Lachat	100 mL	1 x 250 mL amber glass	H2SO4 to pH<2; Cool to 4°C.	28 Days

RW = Residential Well